# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Wednesday 13 Oct 2021 until 23:59 on Thursday 14 Oct 2021

Forecast Issued on Tuesday 12 Oct 2021 at 14:13

**Confidence:** Medium confidence in cloud amounts and amounts of patchy rain, detail of low cloud is hard to forecast on Wednesday and Thursday. High confidence for forecast of brighter conditions on Friday.

**Headline for Wednesday 13 Oct 2021:** Cloudy with some patchy drizzle, perhaps some brightness later.

**Mountain weather hazards on Wednesday 13 Oct 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | MIST | MIST | | | | |
| Dull | Dull | Mist | Mist | Cloudy | Cloudy | Sunny intervals | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 20% | 20% | 10% | 10% | 10% | 10% | 10% | 10% |

**Forecast for Wednesday 13 Oct 2021**

**Weather:** A cloudy night with some patchy drizzle and mist. Around day break it will be a little dull with a lot of cloud and some patchy light rain and drizzle. It will become a little brighter as the day goes on with the possibility of some sunny spells in the afternoon. A few clear spells may develop in the evening.

**Chance of cloud free mountain/hill tops above 600m:** 20% increasing to 60% in the afternoon. Extensive low cloud beginning to lift and break during the afternoon.

**Visibility:** Visibility will be poor in the morning, perhaps just a few kilometres under the cloud and a little less in any patchy drizzle, it will improve during the afternoon with views developing beneath the cloud. Cloud will be broken above 400m in the morning but gradually lifting and breaking, becoming scattered from 500m in the afternoon, and in the east summits may clear completely by mid afternoon with some good views possible. Patchy cloud likely to linger around summits in the west for most of the day.

Check our weather forecast every day to get the most accurate and up to date information
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# Met Office Mountain Weather Forecast

**Forecast for Wednesday 13 Oct 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/9 S | 8/12 SW | 9/12 W | 12/16 W | 15/21 W | 17/24 W | 18/26 W | 19/26 W | 19/27 W |
| **300** | 4/6 S | 5/7 SW | 6/8 SW | 9/12 W | 11/17 W | 11/18 W | 11/17 W | 11/19 W | 12/19 W |
| **Valley** | 2/6 S | 2/6 S | 2/7 SW | 5/10 W | 9/18 W | 10/20 W | 8/19 W | 7/17 W | 8/17 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/6 | 8/6 | 8/6 | 9/6 | 10/7 | 10/7 | 9/5 | 8/4 | 8/4 |
| **300** | 10/9 | 10/8 | 10/9 | 11/9 | 12/10 | 13/10 | 11/9 | 11/8 | 10/7 |
| **Valley** | 10/10 | 10/9 | 10/10 | 11/10 | 13/11 | 13/12 | 12/10 | 11/10 | 10/9 |
| **Freezing Level*** | 2200m | 2300m | 2500m | 2400m | 2400m | 2600m | 2300m | 2200m | 2200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Light winds at low level in the morning but quite breezy and cool on the tops in the afternoon.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Tue 12 Oct 2021 | 4.6mm | 4.8mm | 8.4mm |

**Forecast for Thursday 14 Oct 2021**

**Weather:** Cloudy but mainly dry, perhaps some cloud breaks by late morning with some brightness possible. Cloud building later in the evening as a band of rain moves south over the area by late evening, perhaps the rain will be heavy for a time.

**Maximum wind:** Southwesterly 20 mph with gusts 30mph.

**Chance of cloud free mountain/hill tops above 600m:** 40%, cloud will fall below the summits at various points in the day, perhaps lower cloud bases in the west.

**Visibility:** 5-10km of visibility is likely below the cloud base during the day. Scattered cloud around 5-600m during the day will cover the higher summits most of the time, there will be some breaks and more so in the east.

**Temperature:** **Valleys:** Plus 10 rising to 15 Celsius.
**At 600m:** Plus 7 Celsius rising to 11 Celsius.
**Freezing level:** Above the summits.

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